III. CLAIM AMENDMENTS

1. (currently amended) A method for printing a document comprising:

> using a computer, performing the following steps:

> analyzing a metadata in a plurality of document pages to determine a required printer type;

> separating each of the plurality of document pages into a plurality of print jobs based on the required printer type for each document page;

> placing each of the plurality of document pages into an appropriate holding queue for an appropriate printer;

> selecting ~~an~~ the appropriate printer for each of the plurality of print jobs; and

> printing the plurality of print jobs on ~~the~~ a plurality of appropriate printers.

2. (original) The method of claim 1 further comprising:

> reassembling the plurality of printed print jobs to produce a finished document.

3. (original) The method of claim 1 further comprising:

> distributing one of the plurality of document pages to a specific printer holding queue; and

> wherein the required printer for the distributed document page is a specific printer.

4. (original) The method of claim 3 wherein the specific printer is a printer containing letterhead.

5. (original) The method of claim 3 wherein the specific printer is a photographic printer.

6. (original) The method of claim 1 further comprising:

> distributing one of the plurality of document pages to a color printer holding queue; and

wherein the required printer for the distributed document page is a color printer.

7. (original) The method of claim 1 further comprising:

distributing one of the plurality of document pages to a black/white printer holding

queue; and

wherein the required printer for the distributed document page is a black/white

printer.

8. (original) The method of claim 1 further comprising:

comparing each print job to a printer page threshold; and

responsive to a determination that the number of document pages in the print job

exceeds the printer page threshold, separating print job into a plurality of print jobs.

9. (original) The method of claim 1 wherein the selecting step further comprises:

calculating the time until the printers are available; and

sending the print job to the first available printer.

10. (original) The method of claim 1 wherein the selecting step further comprises:

calculating the time required for the print jobs to print; and

sending the print jobs to the printer with the lowest calculated time required to print

the print job.

11. (original) The method of claim 1 wherein the selecting step further comprises:

ranking the printers based on the time until the printers are available; and

assigning the print jobs to the printers based on the printer ranking.

12. (original) The method of claim 1 wherein the selecting step further comprises:

ranking the printers based on the time required for the print jobs to print; and

assigning the print jobs to the printers based on the printer ranking.

13. (original) The method of claim 1 further comprising:

   printing a control page with each print job; and

   wherein the control page contains printed instructions for reassembling the document.

14. (original) The method of claim 1 wherein the appropriate printer is determined using a print

   farm profile.

15. (currently amended) A program product operable on a computer, the program product

   comprising:

   a computer-usablereadable medium;

   wherein the computer usable-readable medium contains a first set of instructions

   encoded thereon for causing the computer to perform steps comprises instructions

   comprising:

   instructions-for-analyzing a metadata in a plurality of document pages to

   determine a required printer type;

   instructions-for-separating each of the plurality of document pages into a

   plurality of print jobs based on the required printer type for each document page;

   placing each of the plurality of document pages into an appropriate holding queue

   for an appropriate printer

   instructions-for-selecting an appropriate printer for each of the plurality of

   print jobs; and

   instructions-for-printing the plurality of print jobs on the-a plurality of

   appropriate printers.

16. (currently amended) The program product of claim 15 further comprising a second set of instructions encoded thereon for causing the computer to perform the step of:

~~instructions for~~ reassembling the plurality of printed print jobs to produce a finished document.

17. (currently amended) The program product of claim 15 further comprising:

a third set of instructions encoded thereon for causing the computer to perform the step of ~~for~~ distributing one of the plurality of document pages to a specific printer holding queue; and

wherein the required printer for the distributed document page is a specific printer.

18. (original) The program product of claim 17 wherein the specific printer is a printer containing letterhead.

19. (original) The program product of claim 17 wherein the specific printer is a photographic printer.

20. (currently amended) The program product of claim 15 further comprising:

a fourth set of instructions encoded thereon for causing the computer to perform the step of ~~instructions for~~ distributing one of the plurality of document pages to a color printer holding queue; and

wherein the required printer for the distributed document page is a color printer.

21. (currently amended) The program product of claim 15 further comprising:

a fifth set of instructions encoded thereon for causing the computer to perform the step of ~~instructions for~~ distributing one of the plurality of document pages to a black/white printer holding queue; and

wherein the required printer for the distributed document page is a black/white

printer.

22. (currently amended) The program product of claim 15 further comprising:

a sixth set of instructions encoded thereon for causing the computer to perform the

step of ~~instructions for~~ comparing each print job to a printer page threshold; and

responsive to a determination that the number of document pages in the print job

exceeds the printer page threshold, instructions for separating print job into a plurality of

print jobs.

23. (currently amended) The program product of claim 15 wherein the selecting step further

comprises:

a seventh set of instructions encoded thereon for causing the computer to perform the

steps of ~~instructions for~~ calculating the time until the printers are available; and

~~instructions for~~ sending the print job to the first available printer.

24. (currently amended) The program product of claim 15 wherein the selecting step further

comprises:

an eighth set of encoded thereon for causing the computer to perform the steps of

~~instructions for~~ calculating the time required for the print jobs to print; and

~~instructions for~~ sending the print jobs to the printer with the lowest calculated time

required to print the print job.

25. (currently amended) The program product of claim 15 wherein the selecting step further

comprises:

a ninth set of instructions encoded thereon for causing the computer to perform the

steps of ~~for~~ ranking the printers based on the time until the printers are available; and

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instructions-for assigning the print jobs to the printers based on the printer ranking.

26. (currently amended) The program product of claim 15 wherein the selecting step further

comprises:

a tenth set of instructions encoded thereon for causing the computer to perform the

steps of for-ranking the printers based on the time required for the print jobs to print; and

instructions-for assigning the print jobs to the printers based on the printer ranking.

27. (currently amended) The program product of claim 17 further comprising:

an eleventh set of instructions encoded thereon for causing a computer to perform the

step of for-printing a control page with each print job; and

wherein the control page contains printed instructions for reassembling the document.

28. (original) The program product of claim 17 wherein the appropriate printer is determined

using a print farm profile.

29. (currently amended) A program product operable on a computer, the program product

comprising:

a computer-usablereadable medium;

wherein the computer usable medium comprises-contains a plurality of instructions

encoded thereon for causing a computer to perform steps comprising:

a classification program; and

a plurality of printer programs.

analyzing a metadata in a plurality of document pages to determine a required

printer type:

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separating each of the plurality of document pages into a plurality of print jobs

based on the required printer type for each document page;

selecting an appropriate printer for each of the plurality of print jobs; and

printing the plurality of print jobs on the appropriate printers.

30. canceled.

31. canceled.

32. (currently amended) The program product of claim 31 wherein the steps further

~~comprising~~comprise:

~~instructions for~~ reassembling the plurality of printed print jobs to produce a finished

document.

33. (currently amended) The program product of claim 31 wherein the steps further

~~comprise~~further comprising:

~~instructions for~~distributing one of the plurality of document pages to a specific

printer holding queue; and

wherein the required printer for the distributed document page is a specific printer.

34. (original) The program product of claim 33 wherein the specific printer is a printer

containing letterhead.

35. (original) The program product of claim 33 wherein the specific printer is a photographic

printer.

36. (currently amended) The program product of claim 31wherein the steps further comprise

~~further comprising~~:

instructions for distributing one of the plurality of document pages to a color printer

holding queue; and

wherein the required printer for the distributed document page is a color printer.

37. (currently amended) The program product of claim 31 <u>wherein the steps further</u>

<u>comprise</u>further comprising:

instructions for distributing one of the plurality of document pages to a black/white

printer holding queue; and

wherein the required printer for the distributed document page is a black/white

printer.

38. (currently amended) The program product of claim 31 <u>wherein the steps further</u>

<u>comprise</u>further comprising:

instructions for comparing each print job to a printer page threshold; and

responsive to a determination that the number of document pages in the print job

exceeds the printer page threshold, instructions for separating print job into a plurality of

print jobs.

39. (currently amended) The program product of claim 31 wherein the selecting step further

comprises:

instructions for calculating the time until the printers are available; and

instructions for sending the print job to the first available printer.

40. (currently amended) The program product of claim 31 wherein the selecting step further

comprises:

instructions for calculating the time required for the print jobs to print; and

~~instructions for~~ sending the print jobs to the printer with the lowest calculated time required to print the print job.

41. (currently amended) The program product of claim 31 wherein the selecting step further comprises:

       ~~instructions for~~ ranking the printers based on the time until the printers are available; and

       ~~instructions for~~ assigning the print jobs to the printers based on the printer ranking.

42. (currently amended) The program product of claim 31 wherein the selecting step further comprises:

       ~~instructions for~~ ranking the printers based on the time required for the print jobs to print; and

       ~~instructions for~~ assigning the print jobs to the printers based on the printer ranking.

43. (currently amended) The program product of claim 31 <u>wherein the steps further comprise</u>~~further comprising~~:

       instructions for printing a control page with each print job; and

       wherein the control page contains printed instructions for reassembling the document.

44. (original) The program product of claim 31 wherein the appropriate printer is determined using a print farm profile.